

Oil-less Vacuum Technology Priming System Revolutionary Pumping Innovation.

The groundbreaking Thompson Pump OVT (oil-less vacuum technology) Priming System offers multiple improvements to traditional vacuum priming systems. While both allow a basic pump to prime automatically, the OVT does so more efficiently with less maintenance and faster priming. Maintenance and operating expenses are less because the system is dry running – no recirculating oil is needed – a much improved eco-friendly alternative. In addition, non-contacting rotors eliminate wear which increases longevity and offers no decrease in performance over time. The Thompson OVT has extremely high vacuum even at lower speeds and is tolerant to accidental liquid carryover unlike others.

OVT
OIL-LESS VACUUM TECHNOLOGY



Priming System Benefits:

- Dry Running – No sealing or lubricating oil is needed in the vacuum compression chamber
- Ultra Low Maintenance – Unit only requires servicing at 20,000 hour intervals
- Extremely High Air Handling – Faster priming times - 97cfm
- High Vacuum Capability – Deeper suction lifts - 28.4" Hg
- Efficiency – Low horsepower for high cfm
- Longevity – Low Life Cycle Cost – Non contacting rotors eliminate internal wear
- Air Cooling – No water levels to check and no oil system to maintain
- Rugged – Tolerable to solids, liquids and dust
- Reliability – No decrease in performance over time
- Performance – Maintains vacuum at lower speeds
- Versatility – Can be used on a variety of applications such as sewer bypasses and wellpoint dewatering
- Economical – Operating costs are low because of the maintenance free design and the reduced energy requirement - made possible by the high volumetric efficiency along with a zero friction chamber
- Eco-friendly – No sealing or lubricating oil provides for no oil or smoke pollution
- Guaranteed performance
- Able to be added to any Thompson centrifugal pump



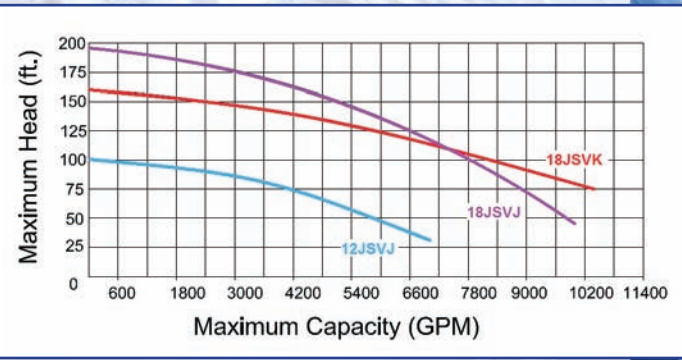
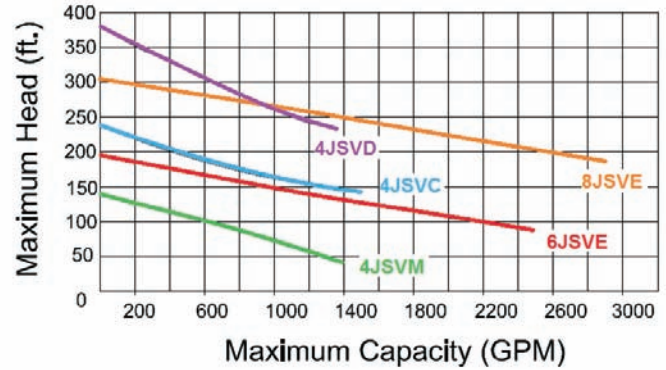
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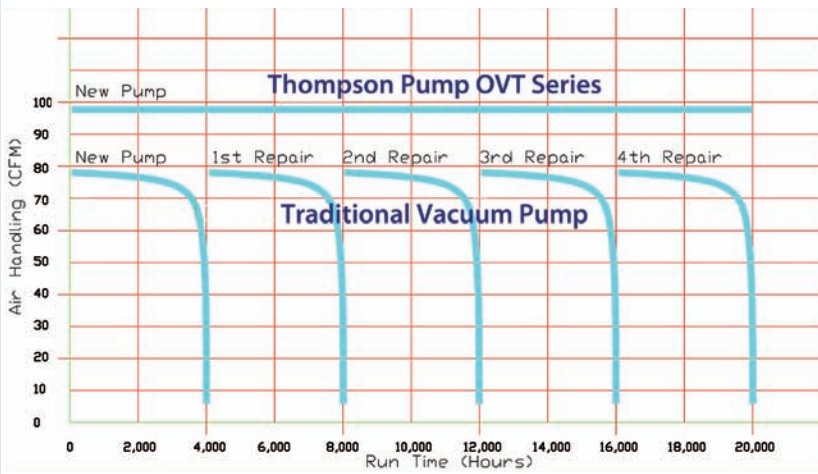
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Model Specifications

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)
4V	4	650	127
4TSV	4	930	112
4JSVM	4	1,450	175
4JSVC	4	1,450	230
4JSVD	4	1,410	440
6V	6	1,500	102
6TSV	6	1,460	150
6JSVE	6	2,600	195
8V	8	2,600	168
8TSV	8	2,600	160
8JSVE	8	3,200	300
12JSVJ	12	6,500	102
18JSVJ	18	9,000	240
18JSVK	18	11,000	160



Performance vs. Time



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